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UTI RAPID TEST

Test for urinary tract infections at the point of care

Urinary tract infections are one of the most common infections to experience, affecting people worldwide. UTI's are classified as uncomplicated and complicated depending on underlying conditions. The use of antibiotics plays a big role by increasing the number of UTIs due to the multidrug resistant organisms. One single native urine test provides 21 uropathogens and 7 antimicrobial resistance genes.

Detection Method: Randox Biochip Technology (end-point PCR)

Result Time: Less than 130 minutes

Sample Volume: 300µl

Sample Type: Native Urine

DETECTABLE PATHOGENS			
GRAM-NEGATIVE BACTERIAL SPECIES	GRAM-POSITIVE BACTERIAL SPECIES	ANTIMICROBIAL RESISTANCE GENES	YEAST
Acinetobacter baumannii	*Enterococcus faecalis*	**TRIMETHOPRIM RESISTANCE**	*Candida albicans*
Citrobacter freundii	*Enterococcus faecium*	*dfrA1*	
Citrobacter koseri	*Staphylococcus aureus*	*dfrA5*	
Enterobacter cloacae		*dfrA7 & 17*	
Escherichia coli	*Staphylococcus epidermidis*	*dfrA12*	
Klebsiella aerogenes	*Staphylococcus saprophyticus*	**METHICILLIN RESISTANCE**	
Klebsiella oxytoca	*Streptococcus agalactiae*	*mecA*	
Klebsiella pneumoniae		**VANCOMYCIN RESISTANCE**	
Morganella morganii		*vanA*	
Proteus spp.		*vanB*	
Providencia rettgeri			
Providencia stuartii			
Pseudomonas aeruginosa			
Serratia marcescens			

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VIVALYTIC
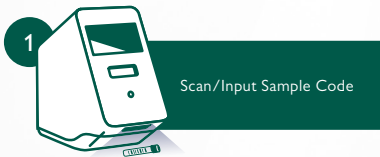
Cartridge Based Testing Platform

The UTI rapid test on Vivalytic offered by Bosch, a point of care platform brought to the market by Randox Laboratories. The Vivalytic system is a fully automated, cartridge-based platform capable of both High-Plex and Low-Plex patient testing. Each easy-to-use cartridge contains all necessary reagents, is a closed system to minimise risk and can be conveniently stored at room temperature.

Vivalytic Key Features:

- Cartridge based platform
- Fully-automated
- Suitable for both non-laboratory & laboratory settings
- Small footprint device
- Rapid turnaround from sample entry to results

VIVALYTIC WORKFLOW

4 Easy Steps for Optimised Workflow

1 Scan/Input Sample Code

2 Scan/Input Cartridge Code

3 Insert Sample into Test Cartridge and Close Cover

4 Insert Cartridge: Extraction - PCR - Detection

To find out more email:
marketing@randox.com